

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051650

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N7/16 H04N7/167

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	<p>WO 99/53624 A (PHILIP A RUBIN AND ASSOCIATES) 21 October 1999 (1999-10-21) abstract page 1, line 15 - page 6, line 2 page 49, line 15 - page 53, line 25 ----- -/--</p>	<p>1-8, 13, 15 9-12, 14</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

14 December 2004

Date of mailing of the international search report

30/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>YI MU, VIJAY VARADHARAJAN: "Robust and Secure Broadcasting" INDOCRYPT 2001 SECOND INTERNATIONAL CONFERENCE ON CRYPTOLOGY IN INDIA, 'Online! vol. 2247/2001, 16 December 2001 (2001-12-16), - 20 December 2001 (2001-12-20) pages 223-231, XP002310535 CHENNAI, INDIA ISSN: 0302-9743 Retrieved from the Internet: URL: http://www.springerlink.com/media/G2GKVVYYXNLPB2XYDFF7/Contributions/F/5/8/9/F5890GXBB9EPKPWK.pdf 'retrieved on 2004-12-14! page 231, paragraph 1 - page 231, paragraph 2</p>	9-12,14
P,Y	<p>JUNQI ZHANG ET AL: "A novel dynamic key management scheme for secure multicasting" ICON 2003. THE 11TH IEEE INTERNATIONAL CONFERENCE ON NETWORKS, 28 September 2003 (2003-09-28), pages 391-395, XP010683551 SYDNEY, NSW, AUSTRALIA the whole document</p>	9-12,14
A	<p>US 2003/126594 A1 (WACHTFOGEL REUVEN ET AL) 3 July 2003 (2003-07-03) page 1, left-hand column, paragraph 3 - page 1, left-hand column, paragraph 4 page 3, right-hand column, paragraph 42 - page 3, right-hand column, paragraph 44</p>	1-15
A	<p>"MULTIMEDIA MIXED OBJECT ENVELOPES SUPPORTING A GRADUATED FEE SCHEME VIA ENCRYPTION" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 37, no. 3, 1 March 1994 (1994-03-01), pages 413-417, XP000441522 ISSN: 0018-8689 the whole document</p>	1-15

INTERNATIONAL SEARCH REPORT

...formation on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9953624	A	21-10-1999	US 6108365 A	22-08-2000
			AU 3001599 A	01-11-1999
			CA 2328346 A1	21-10-1999
			EP 1072104 A1	31-01-2001
			JP 2002511696 T	16-04-2002
			WO 9953624 A1	21-10-1999
US 2003126594	A1	03-07-2003	EP 1348302 A1	01-10-2003
			WO 02054765 A1	11-07-2002